| Index of | Claims |
|----------|--------|
| | |

| Examiner | Applicant(s)/Patent under Reexamination |
|--------------------|---|
| 10/700,587 | HURLEY ET AL. |
| Examiner | Art Unit |
| Stephen G. Sherman | 2629 |

| 7 | Rejected |
|---|----------|
| = | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| | N | Non-Elected |
|---|---|--------------|
| ĺ | | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | L | <u> </u> | | | | l | | | | | | | | | | | l | | | |
|-------------|----------|----------|----------------|--|--|--------------|------------|--|--|--|----|--------------|----------|--|----------|----------|--|----------|--------------|--|--------------|
| | | | | | | | | | | | ı | | . 1 | | | | | | | | |
| Cla | im | _ | | _ | _[| Date | • | | _ | | | Cla | ıım | | _ | | ᆜ | Date | | _ | _ |
| Final | Original | 4/27/06 | | | | | | | | | | Final | Original | | | | | | | | |
| \vdash | 1 | 1 | | | _ | _ | | | H | | | | 51 | \dashv | - | _ | | | | Ͱ | ┝ |
| \vdash | 2 | 1 | ├ | \vdash | _ | H | _ | \vdash | - | _ | } | | 52 | - | \dashv | | H | | | ├ | ┢ |
| \vdash | 3 | V | ⊢ | ┢ | ┢ | H | | - | H | - | | | 53 | ᅱ | - | _ | \vdash | ┢ | - | ╫ | ┢ |
| \vdash | 4 | 1 | _ | - | - | - | - | \vdash | - | ┢ | | | 54 | \dashv | | _ | \vdash | - | Н | 一 | ┢ |
| \vdash | 5 | 1 | ┢ | | \vdash | \vdash | \vdash | | \vdash | | | | 55 | \neg | _ | _ | H | _ | _ | ┢ | H |
| \vdash | 6 | 1 | _ | ┢ | \vdash | Н | \vdash | | - | \vdash | | | 56 | | - | | \vdash | \vdash | - | \vdash | H |
| | 7 | V | - | ┢ | _ | \vdash | \vdash | - | \vdash | <u> </u> | | | 57 | | _ | | \vdash | \vdash | _ | | Г |
| | 8 | V | | | \vdash | \vdash | | | Т | | | | 58 | | | | \Box | Г | \vdash | ┌ | Т |
| | 9 | 1 | | Г | | \vdash | | | | Г | | | 59 | | | _ | | | | | Г |
| | 10 | V | | Г | | | | | | Г | | | 60 | | | | | | Г | | Γ |
| | 11 | 1 | Г | Г | | | | | | | | | 61 | | | | | | | | Г |
| | 12 | 1 | | | | | | | | | ll | | 62 | | | | | | _ | 乚 | L |
| | 13 | 1 | | | | | | | | | | | 63 | | | | L | | <u> </u> | _ | L |
| - | 14 | 1 | | | | | | | | | | | 64 | \Box | | _ | | | | <u> </u> | L |
| | 15 | 1 | L | | _ | L | <u> </u> | | _ | | | | 65 | | | _ | ļ | _ | _ | <u> </u> | L |
| | 16 | 1 | _ | _ | <u> </u> | <u> </u> | _ | _ | _ | | | | 66 | | | | <u> </u> | <u> </u> | _ | ╙ | L |
| \sqcup | 17 | V | <u> </u> | | _ | _ | <u> </u> | | _ | <u> </u> | | | 67 | | _ | | <u> </u> | <u> </u> | ļ | <u> </u> | ╄ |
| \sqcup | 18 | V | <u> </u> | _ | | <u> </u> | <u> </u> | _ | _ | <u> </u> | | | 68 | | | <u> </u> | _ | ļ | | | ╄ |
| | 19 | ٧ | 匚 | | _ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | 69 | | | _ | <u> </u> | <u> </u> | <u> </u> | ├ | ╄ |
| - | 20 | 1 | <u> </u> | <u> </u> | | _ | <u> </u> | <u> </u> | <u> </u> | ├ | | | 70 | \vdash | | _ | | ├— | | ⊢ | ╀ |
| \vdash | 21 | 1 | — | | 1 | 1 | <u> </u> | ├— | | ⊢ | | | 71 | -1 | | | - | - | - | ⊢ | ╀ |
| | 22 23 | ⊢ | ⊢ | ├ | - | | \vdash | ⊢ | | - | | | 72 73 | \vdash | | _ | | ├ | ┢ | \vdash | ⊢ |
| - | 24 | \vdash | | ├ | - | - | ⊢ | ├— | ⊢ | ├ | | | 74 | \vdash | _ | \vdash | ├─ | ├ | \vdash | ╁ | ╁ |
| \vdash | 25 | ├ | | ┢┈ | - | | ⊢ | ├ | - | ⊢ | | | 75 | | | ┝ | ┢─ | ├ | ┢ | ╁ | ╁ |
| \vdash | 26 | - | | | | ⊢ | ├ | | \vdash | ⊢ | 1 | | 76 | | _ | ┢ | ⊢ | ┢ | ┢ | - | t |
| - | 27 | ┢ | - | ├ | - | ┢ | ╌ | | \vdash | 1 | | | 77 | | | ┢ | \vdash | ├ | ╁ | \vdash | t |
| \vdash | 28 | ┢ | - | - | | | | H | \vdash | - | 1 | | 78 | Н | | | | ╁ | - | + | t |
| - | 29 | ╁ | ╁ | ┢ | ╁ | ┢ | _ | \vdash | \vdash | \vdash | 1 | | 79 | | | | | | T | 1- | t |
| | 30 | | t | \vdash | | - | H | T | Г | Т | 1 | | 80 | | | | | \vdash | T | \vdash | T |
| | 31 | 1 | T | \vdash | \vdash | | | T | T | | 1 | | 81 | | _ | 1 | | | | \vdash | T |
| | 32 | T | Т | | Г | | Г | T | Π | | 1 | | 82 | | | | | Г | | Т | Τ |
| | 33 | | | Π | | | Г | | Г | |] | | 83 | | | | | | Г | | Γ |
| | 34 | | Π | | | | Г | | | |] | • | 84 | | | | | | | | Γ |
| | 35 | | | | | | | | | | | | 85 | | | L | | <u> </u> | L | | L |
| | 36 | | | \Box | | | | | | \Box | 1 | | 86 | | | | L | \perp | \perp | | L |
| | 37 | \Box | 匚 | 乚 | | | | <u> </u> | L | <u> </u> | 1 | | 87 | \Box | | _ | L | \bot | ــــ | <u> </u> | 1 |
| | 38 | | L | <u> </u> | L | $oxed{oxed}$ | <u> </u> | \perp | <u> </u> | $oxed{oxed}$ | 1 | | 88 | Ш | | _ | | ┞ | ــــ | ــــــــــــــــــــــــــــــــــــــ | 1 |
| \square | 39 | \vdash | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> _ | ! | <u> </u> | <u> </u> | 1 | ļ | 89 | Щ | _ | _ | 1 | \vdash | ـــ | ₩ | ╀ |
| Щ | 40 | ├_ | | ↓_ | _ | <u> </u> | 1_ | 1 | <u> </u> | ــــ | 1 | <u> </u> | 90 | H | | \vdash | <u> </u> | \vdash | Ͱ | | Ŧ |
| \vdash | 41 | ⊢ | <u> </u> | ┞ | - | ├- | \vdash | \vdash | ⊢ | | - | ļ | 91 | \vdash | | - | \vdash | + | ╀ | +- | ╀ |
| \vdash | 42 | 1 | \vdash | 1 | <u> </u> | ₩ | ├- | \vdash | \vdash | ⊢ | 1 | <u> </u> | 92 | \vdash | | - | +- | + | + | +- | ╀ |
| \vdash | 43 | ├- | ╁ | ┼ | ├ | ╁ | ╀ | - | - | - | 1 | <u> </u> | 93 94 | - | | ⊢ | - | + | ⊢ | + | + |
| \vdash | 44 45 | ₩ | \vdash | + | \vdash | - | +- | \vdash | ╁ | ╁ | 1 | | 95 | \vdash | - | \vdash | \vdash | + | + | + | + |
| \vdash | 46 | +- | ├ | ╁┈ | \vdash | - | \vdash | + | + | \vdash | 1 | <u> </u> | 96 | \vdash | | ┝ | +- | ╁ | +- | + | + |
| \vdash | 47 | ╁ | \vdash | +- | | \vdash | \vdash | \vdash | + | \vdash | 1 | | 97 | | - | \vdash | + | +- | + | +- | † |
| \vdash | 48 | ╁ | +- | + | \vdash | ╁ | \vdash | +- | 1 | +- | 1 | | 98 | | | ╁ | t | + | t | +- | † |
| \vdash | 49 | t | \vdash | + | + | 1 | 1 | + | | | 1 | _ | 99 | - | _ | \vdash | T | 1 | † | \top | 十 |
| 1 | 50 | \vdash | \vdash | T | \vdash | \vdash | † | \vdash | \vdash | t^{-} | 1 | \vdash | 100 | | | H | t^- | t^{-} | | + | † |
| | | ــــــ | | — | | щ. | | - | | | | | 1.00 | | L | - | - | | | | |

| Cla | im I | Date | | | | | | | | | | |
|----------|----------------|----------|--|----------|--|--|-----------|--|----------|----------|--|--|
| Cia | 1111 | | _ | _ | | Jack | | | - | | | |
| Final | Original | | | | | | | | | | | |
| | 51 | | | | | | \exists | \exists | \dashv | _ | | |
| \vdash | 52 | \dashv | \neg | | | | \neg | | \neg | | | |
| | 52 53 | 一 | | | \Box | П | | | \neg | | | |
| | 54 | | | | | | | | | | | |
| | 55 | | | | | | | | | | | |
| | 56 | | | | | | | | | | | |
| | 57 | | | _ | _ | | | | | | | |
| - | 58 | _ | | | _ | | | | | | | |
| 1 | 59 | _ | | | | | | | _ | | | |
| | 60 61 | | | _ | _ | - | | | | | | |
| - | 62 | \dashv | _ | | | - | Н | \vdash | | | | |
| \vdash | 63 | \dashv | | _ | | H | \vdash | \vdash | \vdash | | | |
| \vdash | 63 64 | \dashv | | \vdash | \vdash | \vdash | - | | | | | |
| \vdash | 65 | \dashv | | \vdash | _ | | | | | _ | | |
| | 66 | \Box | | Г | | П | | | | | | |
| | 67 | | | | | | | | | | | |
| | 68 | | | | | | | | | | | |
| | 69 | | | | | | | | | | | |
| | 70 | | | | | | | | | | | |
| | 71 72 73 | | | | <u> </u> | <u> </u> | | | | | | |
| | 72 | Ш | | _ | <u> </u> | <u> </u> | \sqcup | | | _ | | |
| - | 73 | Ш | | <u> </u> | ├ | | _ | | \vdash | <u> </u> | | |
| | 74 75 | Н | _ | \vdash | | - | \vdash | H | | - | | |
| - | 76 | | _ | \vdash | \vdash | - | \vdash | - | - | \vdash | | |
| - | 77 | \vdash | | \vdash | - | - | - | \vdash | | \vdash | | |
| | 78 | \vdash | | \vdash | | \vdash | - | H | H | \vdash | | |
| | 79 | Н | | 1 | \vdash | | | | \vdash | \vdash | | |
| | 80 | | | | | \Box | Г | Г | | Г | | |
| | 81 | | | | | | | | | | | |
| | 82 83 | | | | | | | | | | | |
| | 83 | | | | | | | | | | | |
| | 84 85 | | | | | <u> </u> | <u> </u> | | L. | L | | |
| <u> </u> | 85 | | | _ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | | |
| | 86 | <u> </u> | _ | _ | <u> </u> | ├ | — | ├- | <u> </u> | _ | | |
| <u> </u> | 87 | | _ | - | - | ⊢ | ├- | _ | - | <u> </u> | | |
| | 88 | - | _ | ┝ | ├- | Ͱ | ⊢ | \vdash | ┢ | - | | |
| | 89 90 | | - | - | \vdash | \vdash | \vdash | - | ┢ | ┝ | | |
| <u> </u> | 91 | - | | \vdash | ┪ | | \vdash | - | \vdash | - | | |
| | 92 | | | \vdash | H | \vdash | 一 | \vdash | \vdash | | | |
| | 93 | \vdash | | 1 | 1 | \vdash | | | \vdash | \vdash | | |
| | 94 | | | Г | Г | Т | Г | | | | | |
| | 95 | | | Γ | | | | | | | | |
| | 96 | | | | | | | | | Ĺ | | |
| | 97 | | | 匚 | | \Box | | | \Box | | | |
| | 98 | ļ | | Ĺ | \perp | _ | L | | _ | _ | | |
| <u> </u> | 99 | | | L | \vdash | <u> </u> | <u> </u> | <u> </u> | | _ | | |
| 1 | 100 | | | 1 | | 1 | 1 | 1 | 1 | | | |

| Cla | aim | | | | | ate | , | | | |
|----------|-------------------|---------------|--------------|----------|----------|--------------|----------|----------|--------------|-----------------|
| Final | Original | | | | | | | | | |
| | 101 102 | | - | | | | | | | |
| | 102 | | | | | | | | | |
| | 103 | | | | | Ш | _ | | | |
| | 104 | | | | | | | | | |
| | 105 | Н | | | | | | | | = |
| | 106 107 | Н | | | | | | \vdash | | \dashv |
| | 108 | Н | _ | \dashv | | \vdash | | | | \dashv |
| | 109 | Н | | \vdash | | | | | | \exists |
| | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | | | | | | | |
| | 111 112 113 | \sqcup | | Щ | | \square | _ | | _ | |
| | 114 115 | | | | | \vdash | | | | Н |
| | 115 | _ | | | _ | _ | | _ | _ | H |
| | 117 | H | - | _ | | | \vdash | | _ | $\vdash \vdash$ |
| | 118 | | - | \vdash | _ | \vdash | - | | | H |
| | 119 | - | _ | | | - | \vdash | | | H |
| | 120 | | | | | | | | | |
| | 120 121 | | | | | | | | | |
| | 122 123 | | | | | | | | | |
| | 123 | | | | | | _ | | <u> </u> | Ш |
| | 124 | _ | <u> </u> | | _ | | | ┝ | <u> </u> | Н |
| | 125 | | - | ⊢ | _ | | ⊢ | ├— | - | Н |
| | 125 126 127 | | | \vdash | | \vdash | \vdash | - | - | Н |
| | 128 | \vdash | | - | | - | - | - | | Н |
| \vdash | 128 129 | Г | | _ | _ | <u> </u> | H | | | М |
| | 130 | | \vdash | | Г | | | | | |
| | 130 131 | | | | | | | | | |
| | 132 | | | | | | 匚 | | _ | Ш |
| | 133 134 | <u> </u> | | _ | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | |
| | 134 | <u> </u> | <u> </u> | | _ | - | \vdash | _ | ⊢ | |
| | 135 | ├ | - | ⊢ | ├ | ⊢ | ├ | | - | \vdash |
| \vdash | 136 137 | ┢╌ | ├ | | \vdash | - | - | ┝ | - | - |
| | 138 | \vdash | \vdash | ┢ | \vdash | \vdash | | ╁ | \vdash | |
| | 139 | | _ | | | † | | | \vdash | П |
| | 140 | | | | | | | | | |
| | 141 | | | | | 匚 | | | | \Box |
| | 142 | \sqsubseteq | Ĺ | | | _ | _ | L | $oxed{oxed}$ | |
| <u> </u> | 143 | ┞- | \vdash | ├ | _ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | 144 145 | | - | \vdash | - | - | ├- | ⊢ | \vdash | \vdash |
| ├─ | 146 | ┼ | \vdash | - | ┥ | \vdash | \vdash | - | \vdash | |
| | 147 | + | \vdash | \vdash | - | ┢ | \vdash | \vdash | - | 1 |
| | 148 | 1 | \vdash | \vdash | \vdash | t− | \vdash | T | \vdash | \vdash |
| | 149 | 1 | Т | T | \vdash | | Г | | | |
| | 150 | | | | | | | | | |
| | | | | | | | | | | |